A TASTE OF THE FUTURE

User manual

COFFEE QUEEN

Ice Princess

U / GB

Din återförsäljare / Your retail dealer

.....

.....

Rev. 060815

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We congratulate to your choice of a Coffee Queen Ice Princess Instant machine.
Please read through this manual before you take the machine into operation for the first time.
The manual contents important instructions for a safe and proper usage of the machine.
Always keep this manual within reach for the user!

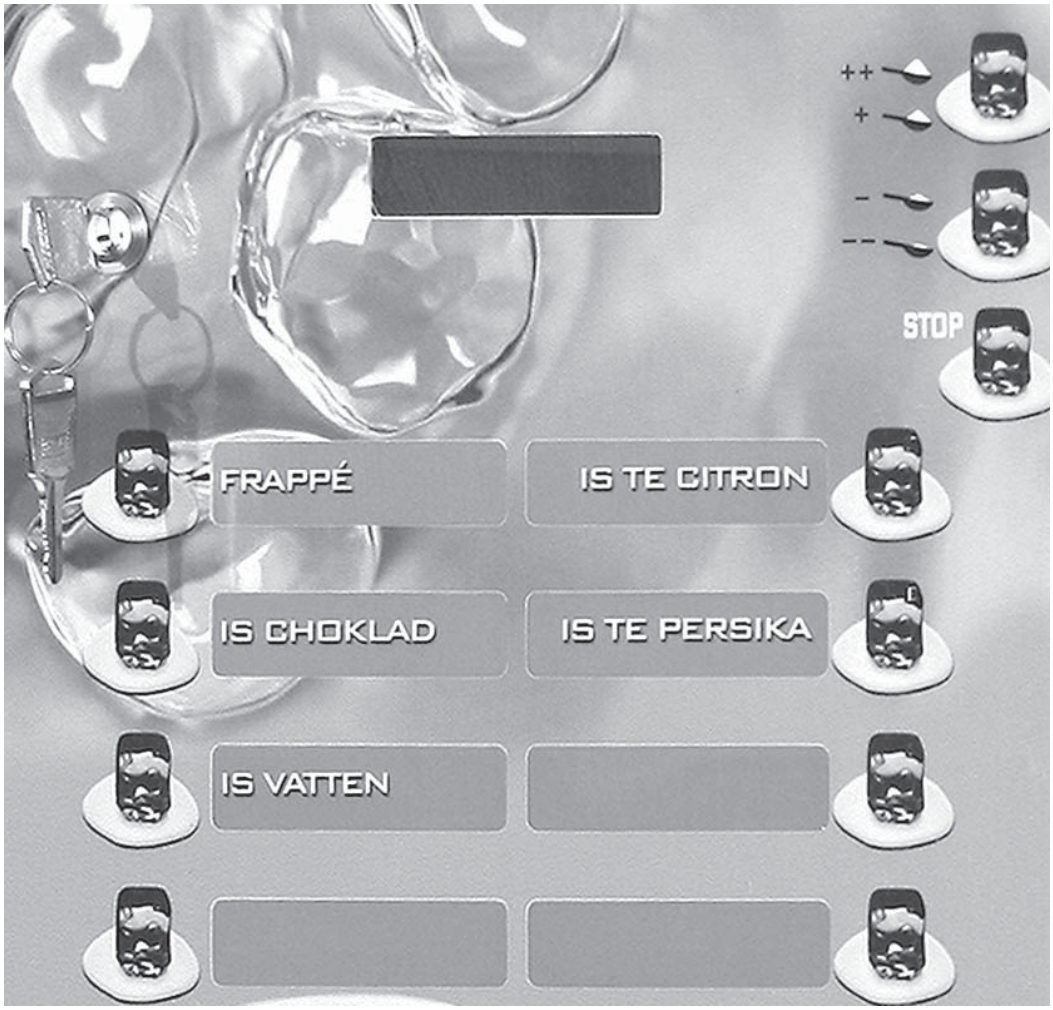
Coffee Queen / Ice Princess

- Making coffee cup by cup
- 4 choices of drinks + chilled water
- 2 - 4 ingredients canisters,
- Adjustable coffee strenght
- Clock functions

Facts:

Height	495 mm
Width	310mm
Depth	490mm
Electricity	230V/2200W Chiller unit
Water connection	½"outside thread
Ingredient canisters	2 - 4 / unit

Membran switch



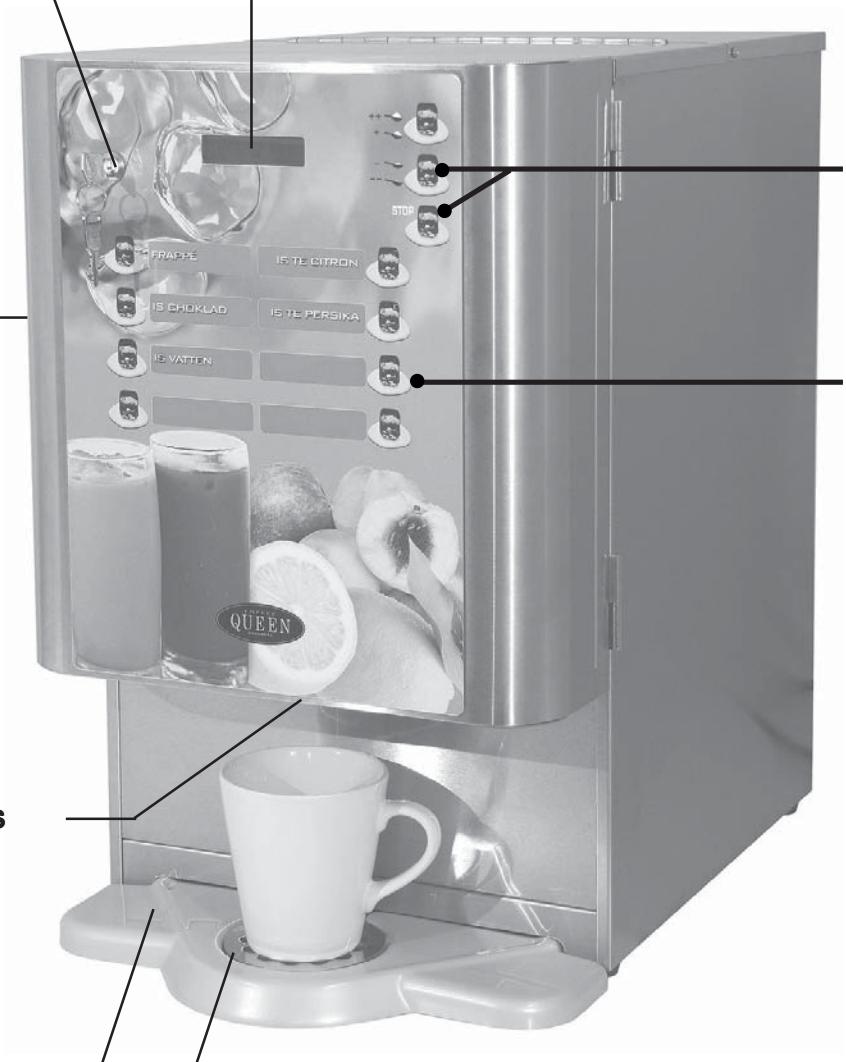
drink 5 — 1 drink

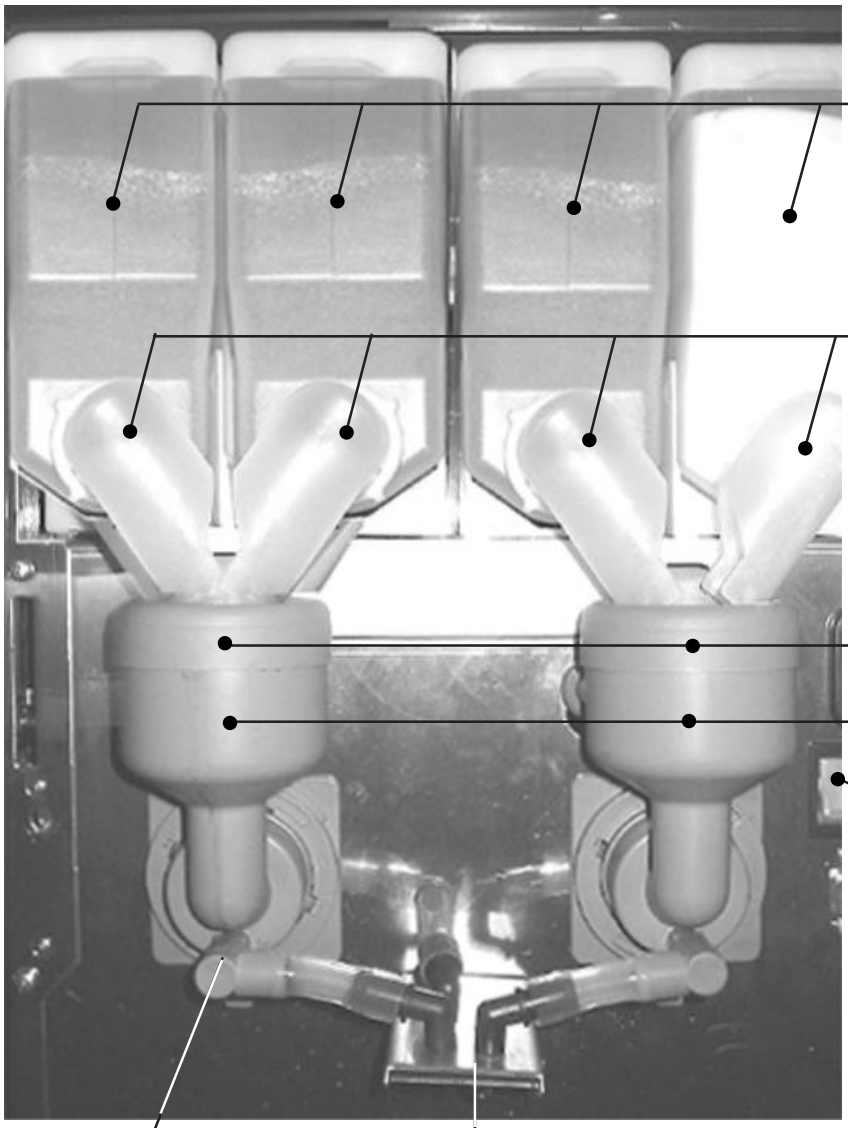
6 — 2

7 — 3

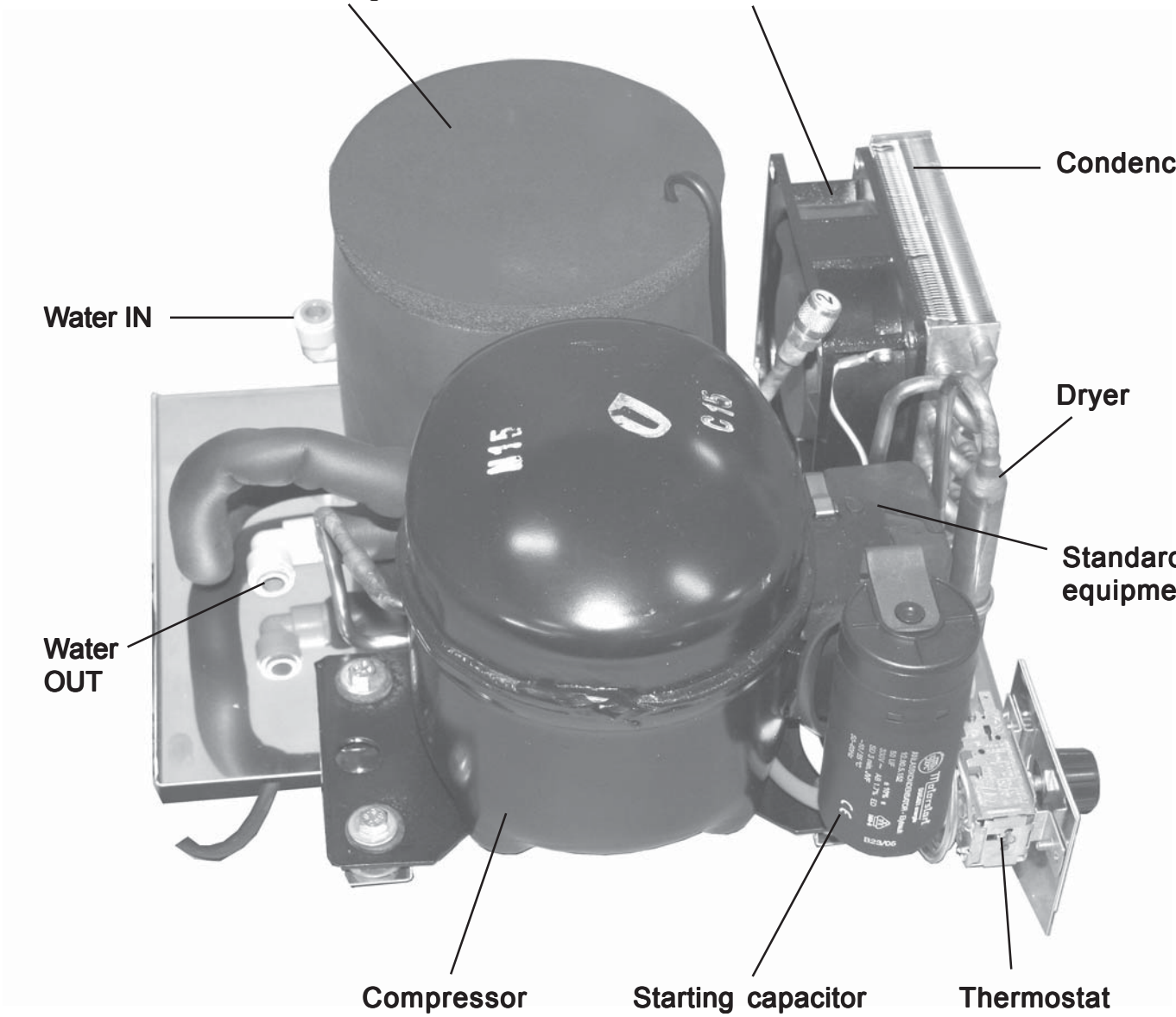
8 — 4

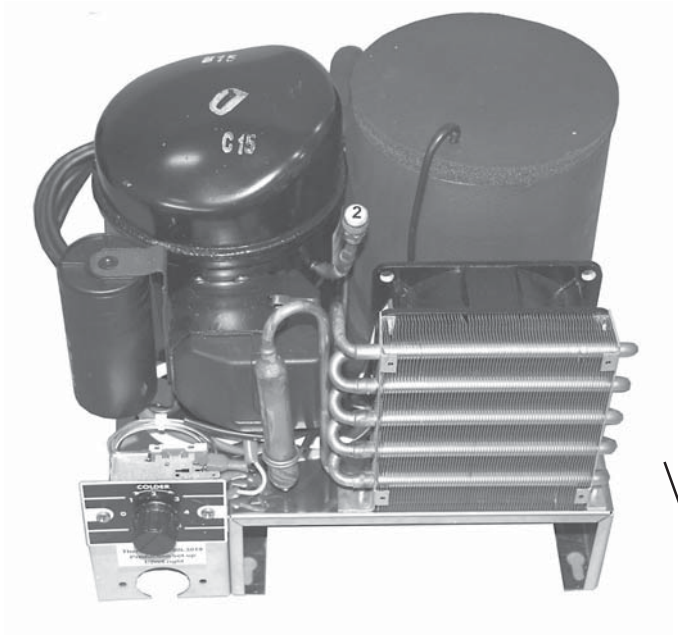
3. Overview of components , front Ice Princess





Detail;	Ingredients;	Width;	Height;	Depth;	Volum/litre;	Amount/unit
Canister;	lemon	67	156	225	1,15	1
Canister;	peach	67	156	225	1,15	1
Canister;	frappé	67	156	225	1,15	1
Canister;	chocolate	67	156	225	1,15	1


Cooling unit
Fan
Condencer
Water IN
Dryer
Standard equipment
Water OUT
Compressor
Starting capacitor
Thermostat


Pull out unit

1. Locate the brewer on a flat level and waterproof surface.

Connect the electrical plug to a separate grounded wall socket

Grounded wall socket
230V 10A

OBSERVE!
Make sure there is a space behind the machine for free flow of air.
(minimum 10cm).

2. Connect attached water tube to cold water with an R 1/2".
Make sure that the water hose not are kinked anywhere when machine is pushed into place.

Please flush the water tube before connecting to machine, this to avoid any particles to destroy the inlet valve.

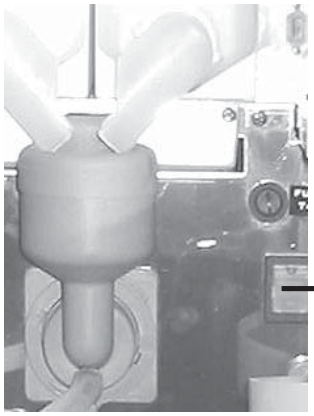
3.. Open the water inlet.

4. Turn on the ON-OFF switch inside the door.

Now the chiller will starting up.

After approx. 15 minutes machine are ready to use.

5. Close door.

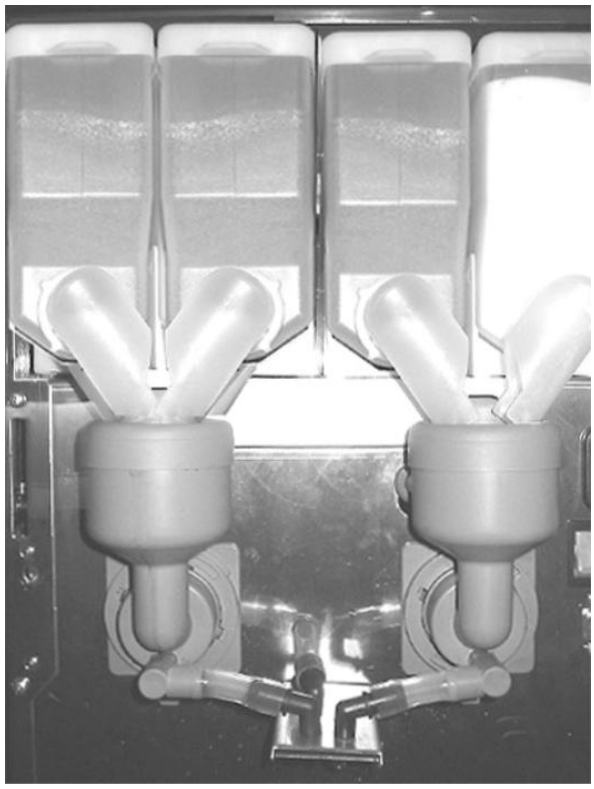


ON / OFF switch

6. Fill canisters with ingredients.

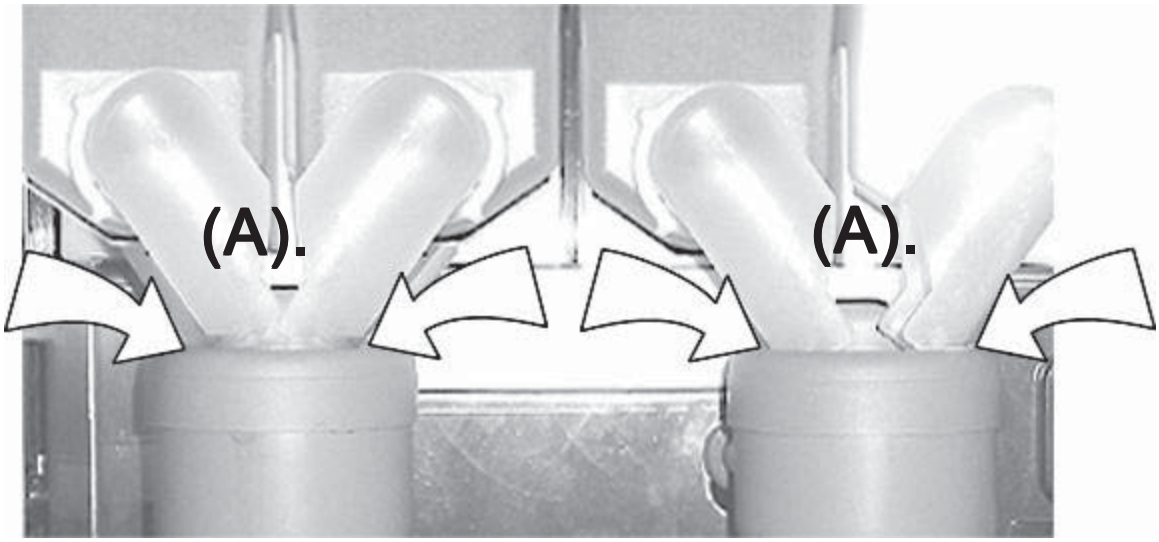
Take out (this to avoid unnecessery spillage in the machine) ingredient canisters and fill them with ingredients.

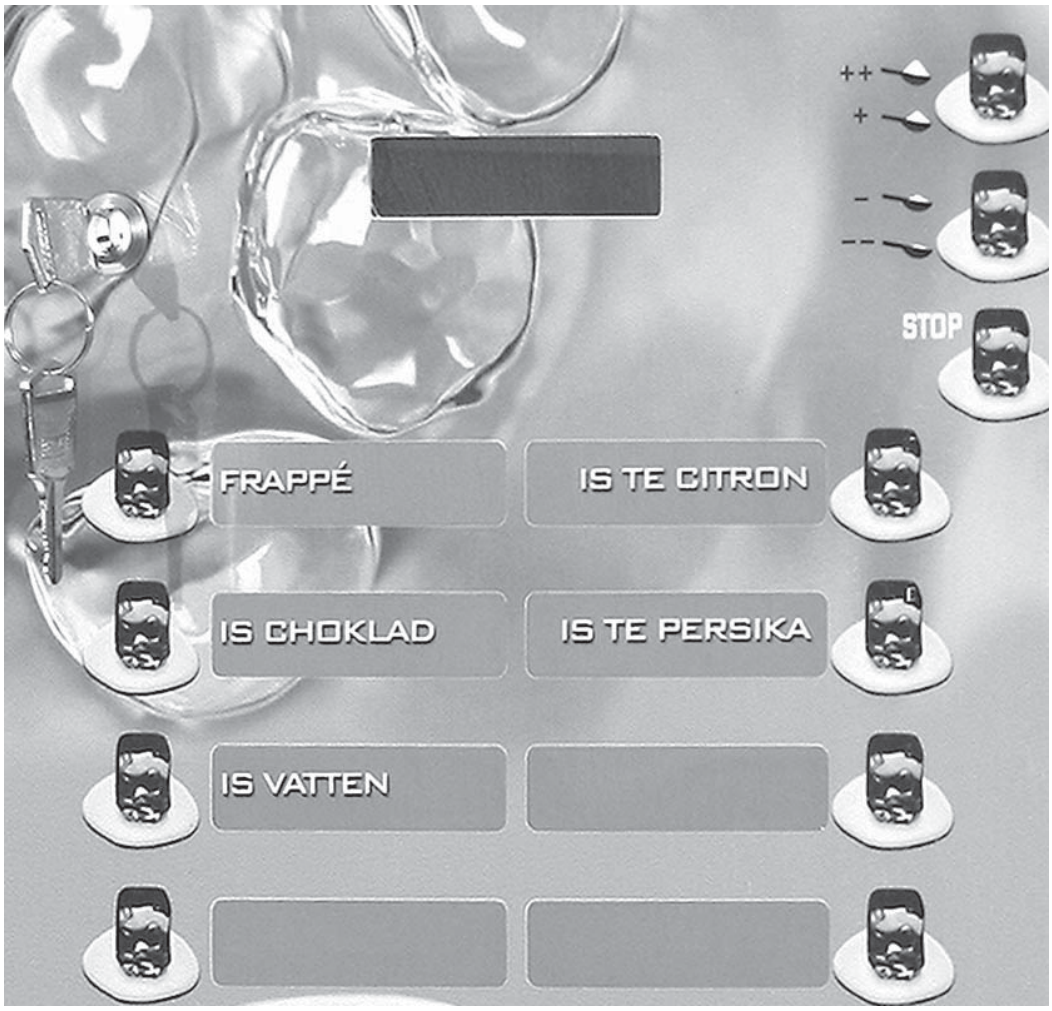
1. Turn up chute.
2. Lift up canister and pull out.
3. Lift off lid and fill canister with ingredients.



7. When placing the ingredient canisters;

Make sure that the outlet pipes on the ingredient canisters are touching the steam traps (A).





drink 5 6 7 8

++ 2. - - STOP 1 drink 2 3 4

Making a drink.

1. Place a cup in the centre of the cup holder.

2. **The strenght has a standard setting**, if you wish to increase or decrease it, do as follows. 1 cup brewing if not continue to point 3.
Stronger drink;
Increase by pushing + or++ for 5% or 10% alternative
Weaker drink;
Decrease by pushing - or -- for 5% or 10% (the indication lamp will go up or down depending of choice).

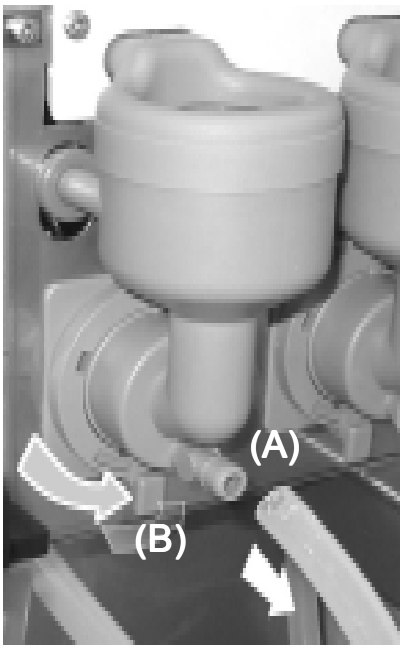
3. Choose drink by pushing on the button to the right of each menu
The display will show; ”Please wait”, and the light on the cup will light up.

4. Wait until the light on cup and the text ”Please wait” has been turned off before you take your cup.

5. Enjoy your drink.

Dismantle : Mixer system

1.
Loosen outlet hose **(A)** and turn lock knob **(B)** anti-clockwise.



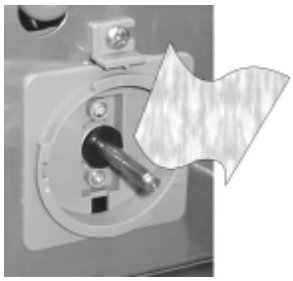
2.
Loosen mixer bowl. Pull apart **(C)**.

3.
Loosen whipper **(D)** pull whipper straight out from the machine.

4.
Turn lock knob anti-clockwise.**(E)** until it stops

Cleaning

5. Clean with a wet rag and drought drily.



Wash these parts:

.6.

A. Mixer bowl

B. Steam trap

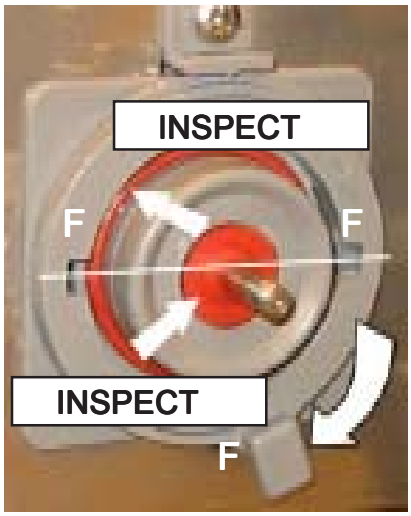
C. Whipper

D. Assembly plate

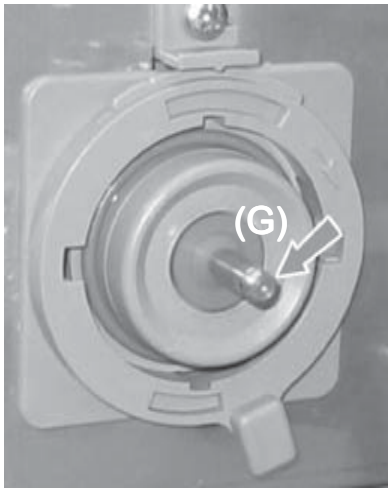
Make sure this parts are dry before use

REASSEMBLE: Mixer system

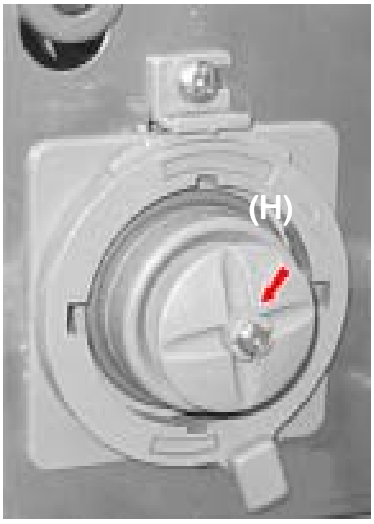
7.
Reassemble the assembly plate by turning lock knob **(F)** clockwise. **INSPECT** gaskets.

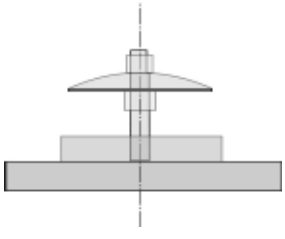


8.
Make sure that the motor whippers plane side will be in accordance with the whippers plane side. see next **(G)** and picture **(H).**

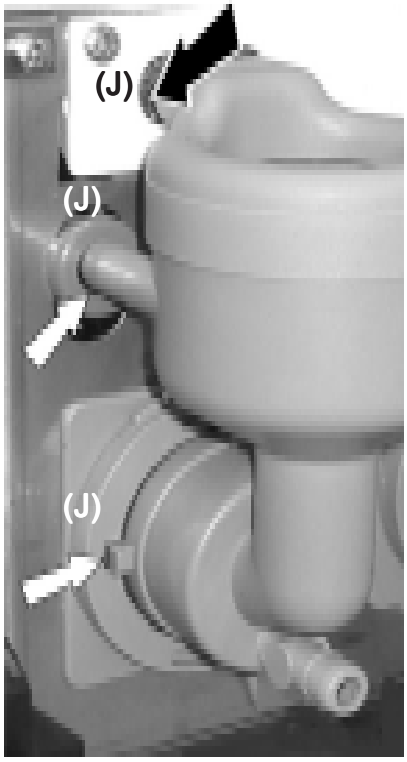


9.
Assemble whipper , pull until you hear a clicking noise. **(H).**

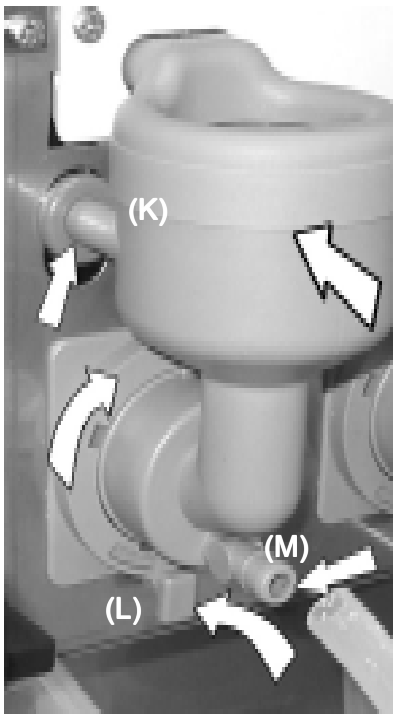




10.
Assemble mixer bowl and steam trap **(J)** see picture.



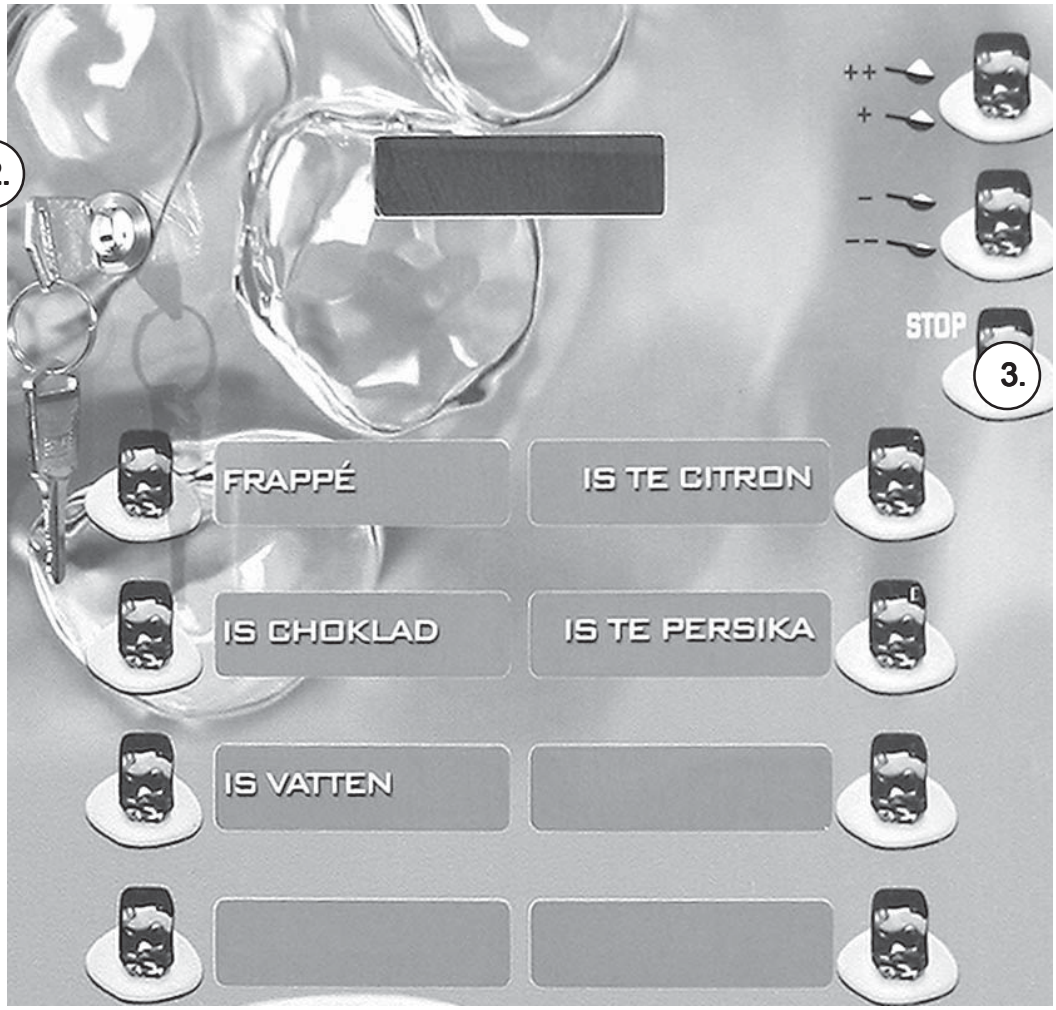
11.
Easily push the mixer bowl towards, according to **(K)** and lock with lock knob **(L).**Connect outlet hose **(M).**
(**NOTE**! make sure that all water hose are connected at right place



7. CLEANING: Cleaning program: Daily Ice Princess

Automatic cleaning of mixing system.

The mixer bowls can easily be cleaned with the key switch in ”cup” (normal) position. **Daily automatic cleaning of mixing system.**



1. Place a empty jug in the middle of the drip tray.

2. Turn the key slowly ninety degrees and back again.

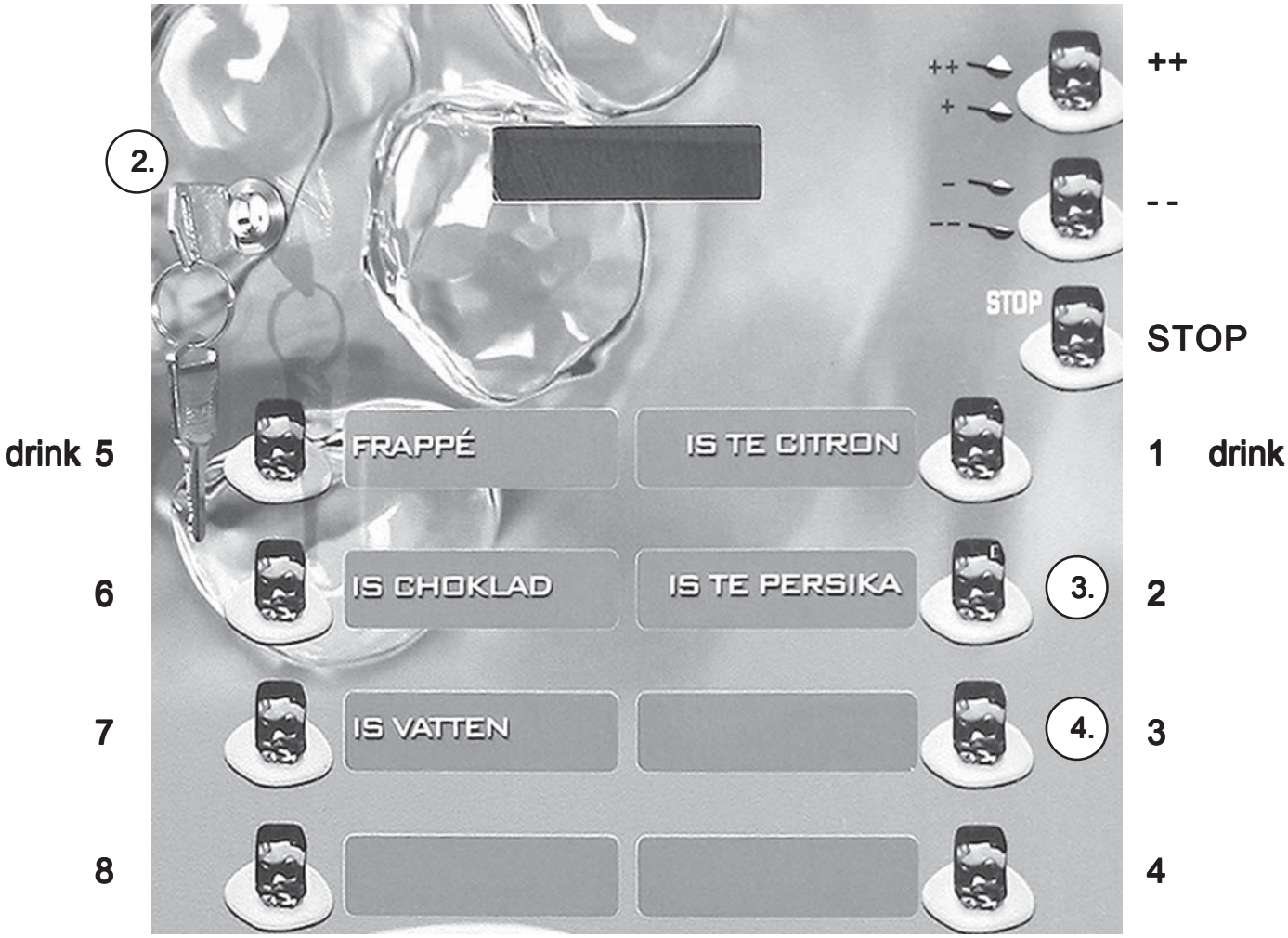
3. **Push button** for drink 1 in 6 seconds.

   After 6 seconds the mixer bowl starts to be cleaned as long as the button is pushed or max.10 seconds.

   Display shows: ”Cleaning Mixer 1”. (in 5 sec.)
   ”Cleaning Mixer 2”. (in 5 sec.)

Automatic cleaning of mixing bowl 1 or 2.

The mixer bowls can easily be cleaned with the key switch in ”cup” (normal) position.



1. **Place a empty jug in centre of drip tray.**
2. Turn the key slowly ninety degrees and back again.

3. **Push button for drink 2** in 6 seconds.
   For cleaning of mixing bowl 1

   Or: Turn the key slowly ninety degrees and back again.

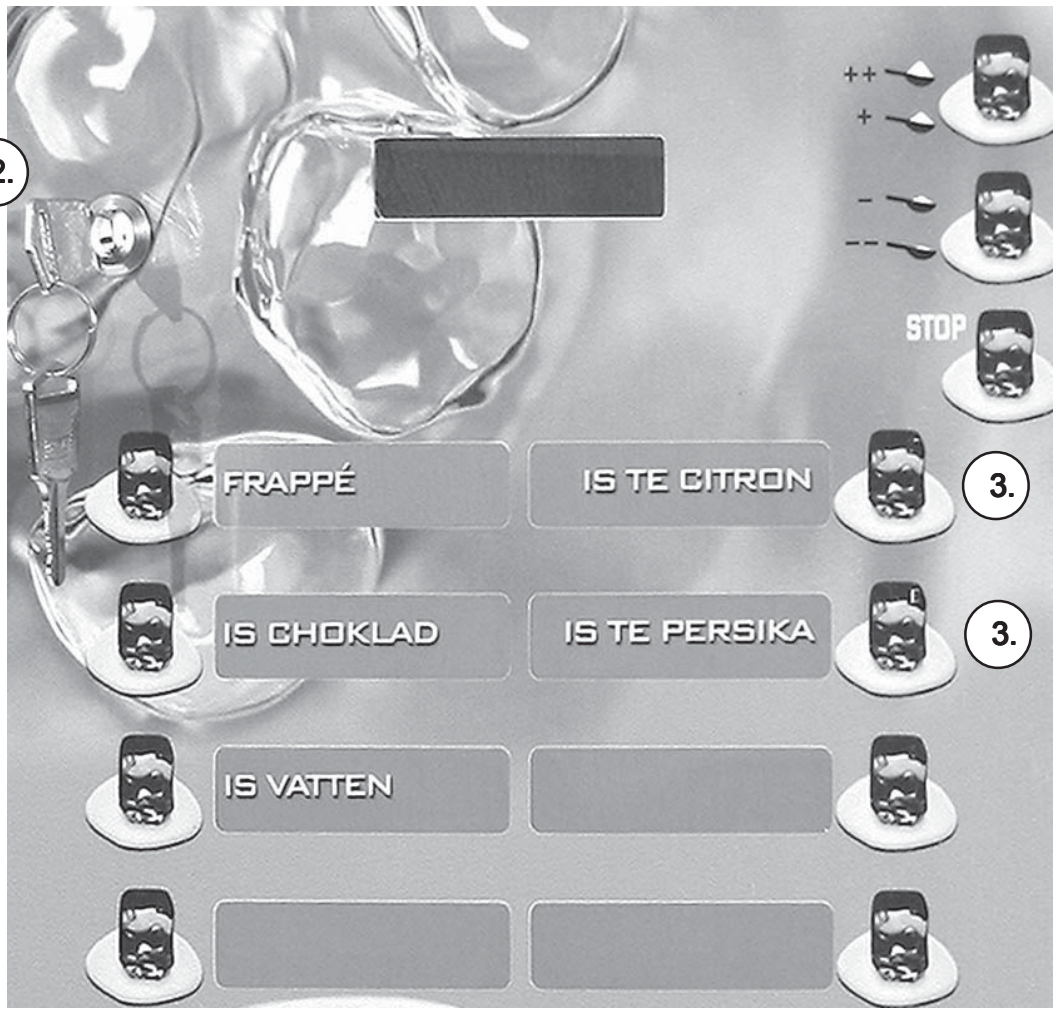
4. **Push button for drink 3** in 6 seconds.
   For cleaning of mixing bowl 2

After 6 seconds: Mixer bowls starts to be cleaned

Display shows: ”Cleaning Mixer 1”.(for 5 sec.)
”Cleaning Mixer 2”.(for 5 sec.)

Automatic cleaning of In/Outlet valves:

The In/Outlet valves can easily be cleaned with the key switch in ”cup” (normal) position.



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- -

STOP

drink 5 1 drink

6 2

7 3

8 4

1. **Place a empty jug in the centre of drip tray.**

2. Turn the key slowly ninety degrees and back again.

3. **Push button** for drink 1 and 2 at the same time in 6 seconds.
Keep buttons down.

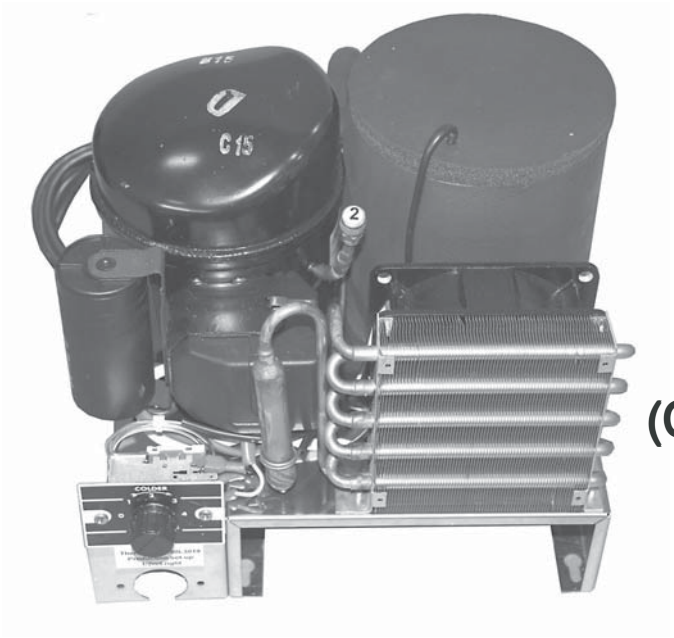
All In/Outlet valves will now start to open and close with 2 pulses/second in 10 seconds or so long you pushed the buttons

The display shows: ”Cleaning valves”.

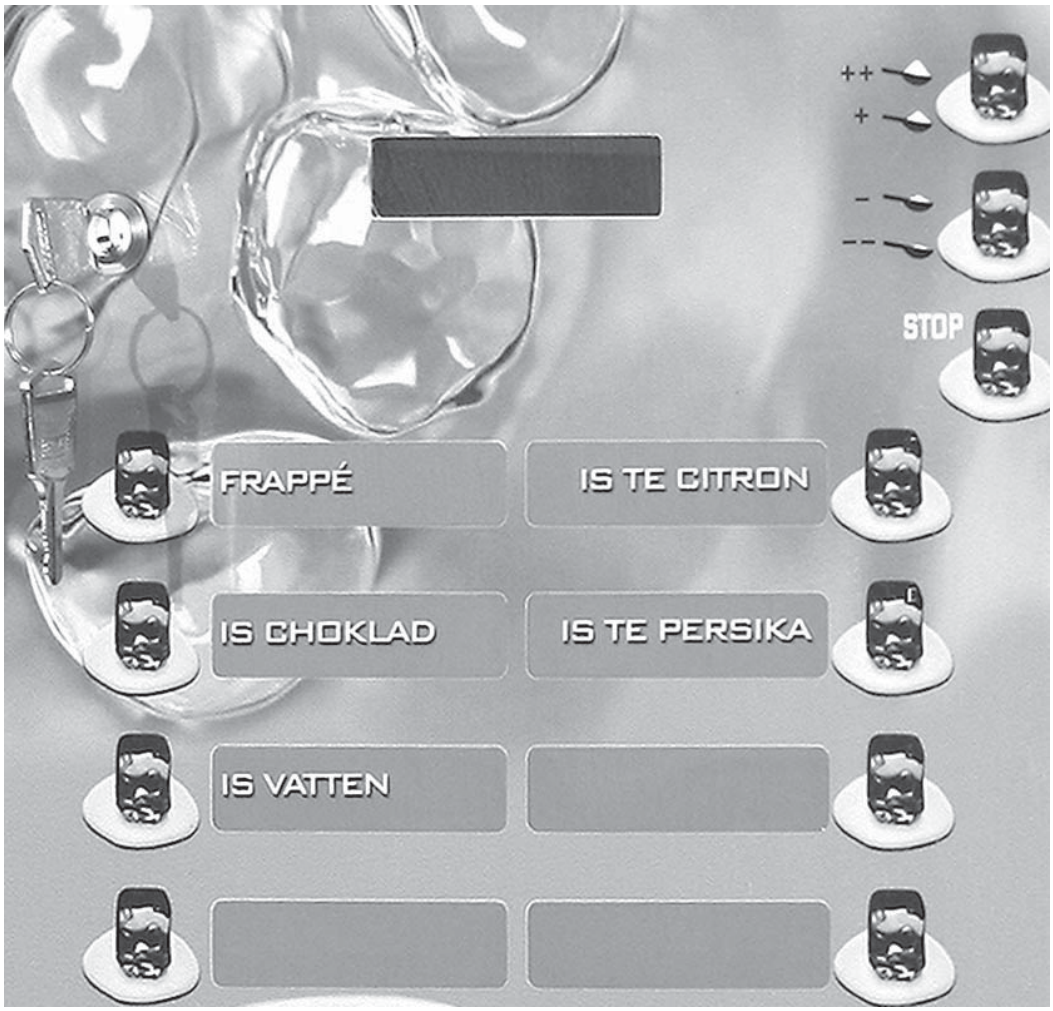
Outside cleaning; use a soft rag and liquid cleaning agent which not scratch.

Condenser cleaning: Chiller unit. Must be cleaned every 6 month. With an extremily dusty environment you must have a much moore frequently cleaning .

Clean condenser (C) free from dust,(between cooling flange) by using a brush or a vacuum cleaner.



(C)



Cup counter:
The machine has an in built cup counter which is available to see and reset with the key switch in ”cup” (normal) position.

1.Push ”-” button in 6 seconds.
After 4 seconds a signal will go faster.
Display shows: ”Total xxx cups”
2.Push button for drink 2
Display shows: ”Choise 1 free xxx cups”
3.Push button for drink 2
Display shows ”Choise 1 coin xxx cups”
4.Push button for drink 2
Display shows ”Choise 1 xxx cups in can”
5.Push ”+” button to reach to ”choise 2” etc.
6.Push button for drink 3 to reset the counter.
7.Push ”Stop” button to go back to user mode.

Easy Access:
Water and ingredient amount can be adjusted with±15% with the key switch in ”cup” (normal) position.

1.Push ”+” and ”-” button at the same time.
After 4 secondsa signal will go faster.
Display shows: ”Easy access” ”Styrka 1 100%”
2.Go to right button(choise which you want to change by pushing”+” or ”-” button.
3.Push button for drink 2
Display shows: for example. Volyme 4 and” Blinking 100%”
4.Change by pushing ”+” or ”-” button.

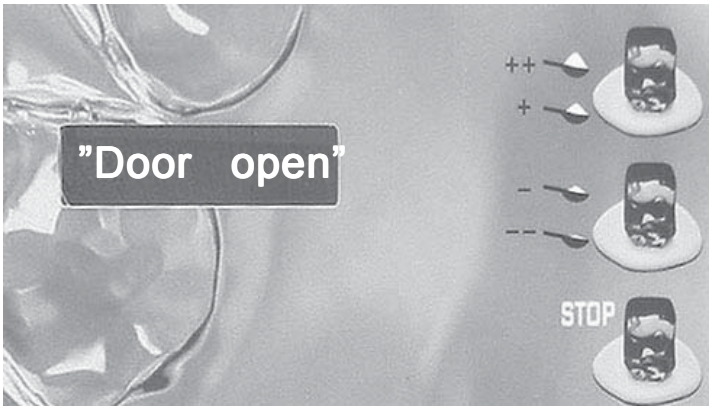
5.Push button for drink 3 for entering the change.
6.Press ”stop” to quit.

10. Safety functions. Ice Princess

The machine is equipped with following safety functions

1. Indication of door
   Door not closed
   Display shows; ”Door open”

2. When machine is not in use:
   The inlet valves are blocked.



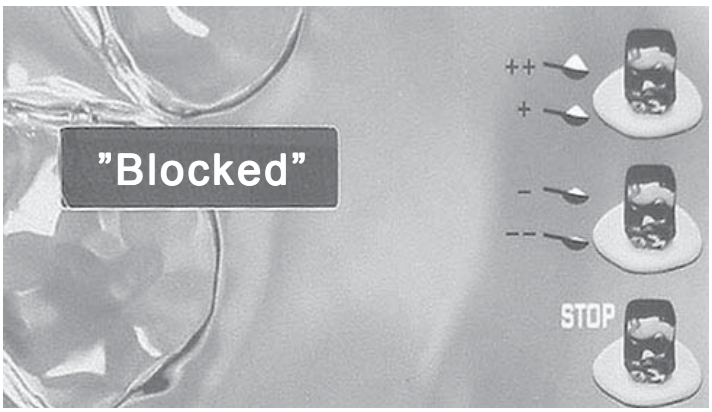
11. Failure messages.

Failure messages which can mostly be corrected without any help from service company

1. **Display shows;** ” Blocked” ”Water level low”
   Please check incoming water connection Turn off the machine with the main switch wait for 10 sec. and turn on again.

2. **Display shows normal:** but no drink is coming.
   Possible cause of failure:
   Mechanical stop in the ingredients canisters or whipper.

Measure:
Try to find the cause of failure.
Clean the mixer system and try again.

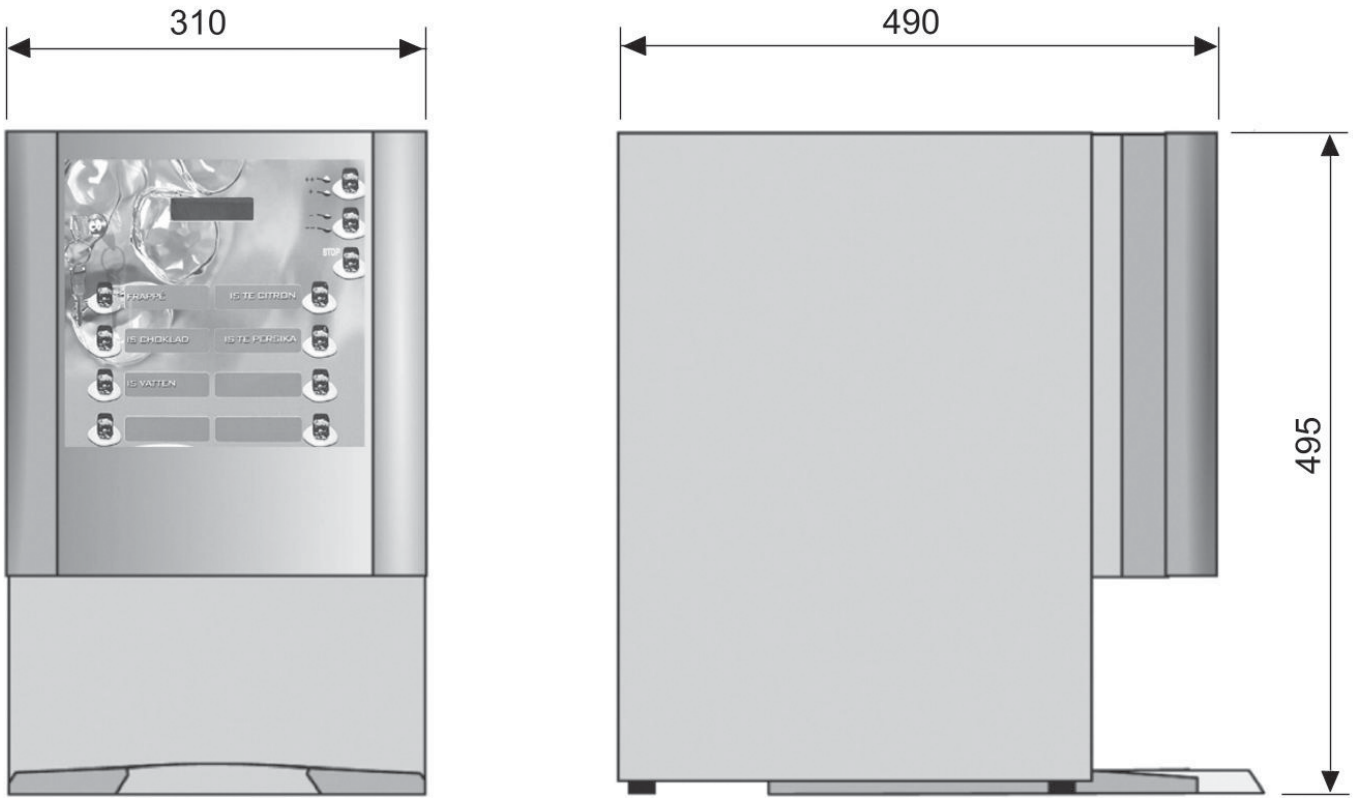


12. Storage / Transport.

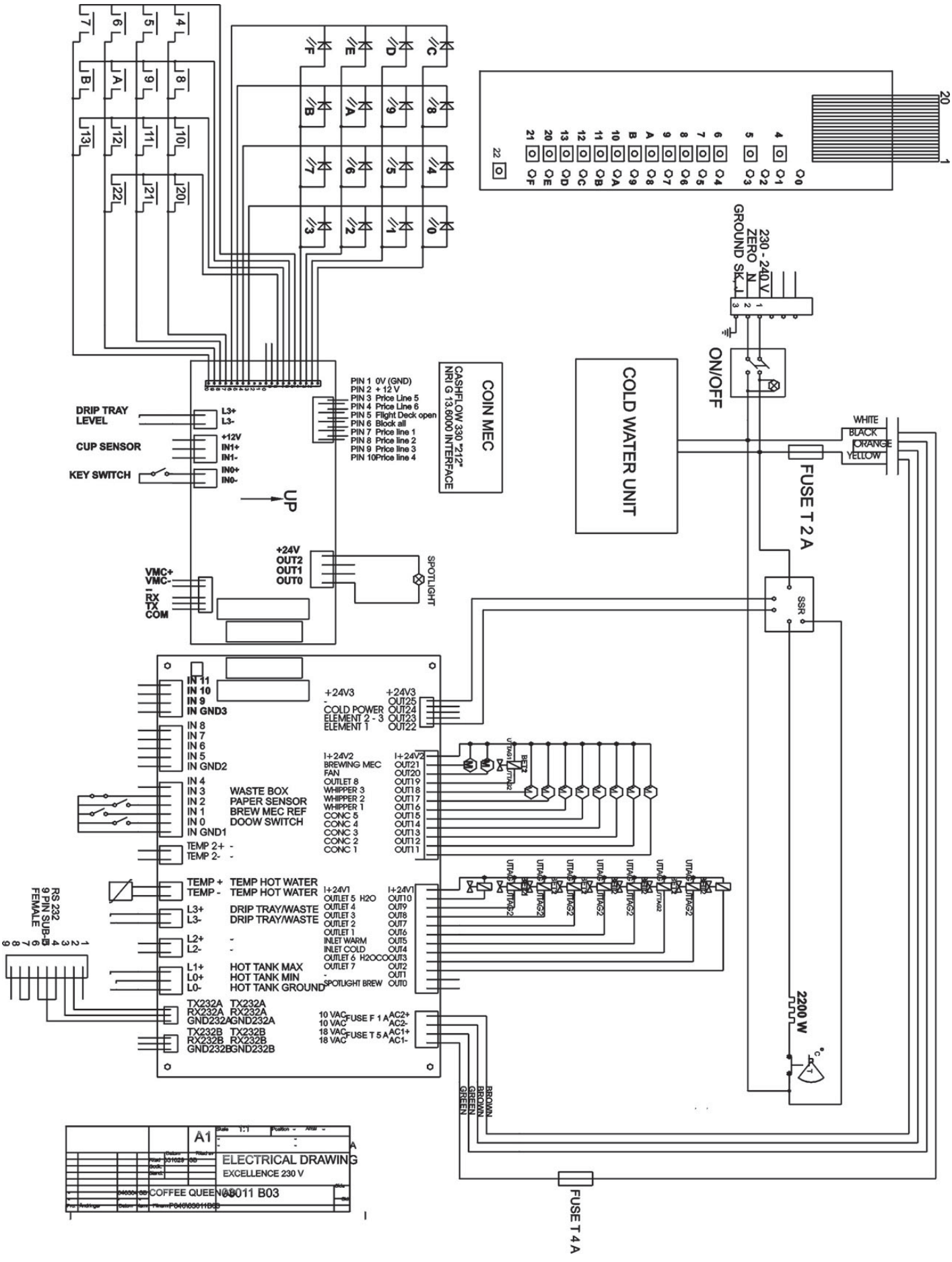
Transport and no use in long time.

1. Turn off the switch, pull out the plug and close incoming water tube.
2. Empty the water tanks.
3. Keep machine free from frost.

Long machine storage at temperatures as below 0ºC (zero degrees celsius) can cause damage of the machine. Total emptying of water is recommended.


310
490
495
IS VATTEN

14. Circuit diagram.



COFFEE QUEEN

Ice Princess

FOR SERVICE

Please contact

Din återförsäljare / Your retail dealer

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